









Chart 11353

NM 8/02

MISSISSIPPI RIVER - GULF OUTLET CHANNEL			
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS			
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)			
NAME OF CHANNEL	DEPTH MLLW (FEET)	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W)			
TO LT. BUOY 20	25.0	600	10,11-01
THENCE TO END OF JETTY OPPOSITE LIGHT 62	35.0	500	10,11,12-01
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE			

Chart 11363

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MISSISSIPPI RIVER - GULF OUTLET CHANNEL			
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS			
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)			
NAME OF CHANNEL	DEPTH MLLW (FEET)	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W)			
TO LT. BUOY 20	25.0	600	10,11-01
THENCE TO END OF JETTY OPPOSITE LIGHT 62	35.0	500	10,11,12-01
THENCE TO INTERSECTION WITH G. I. W. W.	24.0	500	7,9,10,11-01
THENCE TO INNER HARBOR NAVIGATION CANAL	26.0	500	9-01
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE			

Chart 11364

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MISSISSIPPI RIVER - GULF OUTLET CHANNEL			
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS			
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)			
NAME OF CHANNEL	DEPTH MLLW (FEET)	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W)			
TO LT. BUOY 20	25.0	600	10,11-01
THENCE TO END OF JETTY OPPOSITE LIGHT 62	35.0	500	10,11,12-01
THENCE TO INTERSECTION WITH G. I. W. W.	24.0	500	7,9,10,11-01
THENCE TO INNER HARBOR NAVIGATION CANAL	26.0	500	9-01
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE			



## SECTION I

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Chart 11369

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MISSISSIPPI RIVER - GULF OUTLET CHANNEL			
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS			
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)			
NAME OF CHANNEL	DEPTH MLLW (FEET)	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W)			
TO LT. BUOY 20	25.0	600	10,11-01
THENCE TO END OF JETTY OPPOSITE LIGHT 62	35.0	500	10,11,12-01
THENCE TO INTERSECTION WITH G. I. W. W.	24.0	500	7,9,10,11-01
THENCE TO INNER HARBOR NAVIGATION CANAL	26.0	500	9-01
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE			

Chart 12337

NM 8/02

NEWARK BAY,PASSAIC AND HACKENSACK RIVERS CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2001 AND SURVEYS TO APR 2001								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
NEWARK BAY MIDDLE REACH	36.9	40.6	37.6	34.6	3-99	1750-500	1.4	40
NEWARK BAY NORTH REACH	28.1	35.1	22.8	A18.0	3-99	900-500	1.1	35
TURNING BASIN	24.3	25.4	22.4	A17.0	3-99	900	0.26	35
PASSAIC RIVER:								
KEARNY PT REACH	17.5	18.9	17.3	13.6	3-99	300	1.1	30
POINT NO POINT REACH	5.4	9.7	13.5	10.2	6-89; 3-99	300	1.1	30
HARRISON REACH	1.7	6.5	8.4	2.6	6-89	300	1.9	20
NEWARK REACH	1.2	6.2	9.5	4.3	6-89	300	1.3	B20
KEARNY REACH	C0.8	8.8	8.2	1.2	6-89	300	0.9	B20
ARLINGTON REACH	2.0	6.8	9.1	2.5	6,11-89	200	0.9	16
BELLEVILLE REACH	0.1	0.4	8.0	9.9	6-92	150	1.4	10
NUTLEY REACH	2.6	9.2	7.4	3.5	11-89	150	1.7	10
RUTHERFORD REACH	1.7	5.1	3.8	3.7	11-89	150	2.2	10
WALLINGTON REACH	D2.2	1.5	1.9	E1.1	11-89	150	0.9	10
HACKENSACK RIVER:								
DROYERS POINT REACH	24.8	27.3	25.1	18.4	4-01	300-400	1.5	30
MARION REACH	22.6	27.9	27.0	18.7	4-01	300	1.8	30
TURNING BASIN	14.4	22.7	28.2	21.8	4-01	300-800	0.2	25
PORT NEWARK CHANNEL:								
BRANCH CHANNEL	36.9	37.9	36.8	35.8	3-99	1050-400	0.4	40
INSHORE CHANNEL	38.4	38.9	38.3	36.3	3-99	400	1.1	35
PIERHEAD CHANNEL	36.5	37.4	35.9	36.0	3-99	300	0.7	40
<p>A. EXCEPT FOR A SHOAL TO 9 FT AT 40° 42' 11.4" N 74° 06' 56.1" W ALONG THE RIGHT OUTSIDE QUARTER OF THE REACH.</p> <p>B. PROJECT CHANNEL, 20 FEET DEEP, HAS NEVER BEEN DREDGED. DEPTHS SHOWN ARE FOR EXISTING CHANNEL.</p> <p>C. EXCEPT FOR A SHOAL, BARE AT M.L.L.W., ALONG THE LEFT OUTSIDE QUARTER OF THE LAST 380 YARDS OF THE REACH.</p> <p>D. A SHOAL BARE AT M.L.L.W. EXTENDS ACROSS THE LEFT OUTSIDE QUARTER ABOUT 370 YARDS DOWNSTREAM OF THE EIGHTH STREET BRIDGE.</p> <p>E. A SHOAL BARE AT M.L.L.W. EXTENDS ACROSS THE RIGHT OUTSIDE QUARTER ABOUT 300 YARDS NORTH OF THE MAIN ST. BRIDGE AND SHOALING TO 0.3 FEET 175 FEET WEST OF THE SECOND ST. BRIDGE.</p> <p>NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION</p>								

## SECTION I

NM 8/02

Chart 18502

NM 8/02

GRAYS HARBOR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 1999 AND SURVEYS TO SEP 2001							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BAR CHANNEL	44.7	45.0	46.3	6-95;9-96;6-00;2-01	1000	4.6	46
ENTRANCE RANGE	33.1	37.3	33.7	4-00;6-00;2-9-01	900-600	1.8	42
PT CHEHALIS REACH	33.7	38.3	37.4	9-01	600	1.2	40
SOUTH REACH	34.5	37.2	34.4	1,2-01	600-350	4.1	36
CROSSOVER CHANNEL	30.8	35.6	30.8	1-01	350-450	2.5	36
NORTH CHANNEL	35.7	38.1	32.3	1-01	450-350	2.4	36
HOQUIAM REACH	34.9	37.2	36.0	12-00	350	1.9	36
COW POINT REACH	26.9	33.9	31.2	1,6-01	350-900	1.8	36
ABERDEEN REACH	22.1	26.3	25.0	5-97;4-98;6-99;6-01	550-200	2.6	30
TURNING BASIN	31.1	33.0	24.7	6-01	200-550	.3	30
THENCE TO COSMOPOLIS	26.9	27.6	27.8	5-97;6-99	200	.8	30
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							